ZyXEL

Taking Advantage of Home Cable Lines

200Mbps HomePlug

- **Simultaneous Ethernet, Coaxial and Power Connections for Applications**
- **Data Transmission Rates of Up to 200 Mbps over the Powerline**
- **Network Protection with Advanced 128-bit AES Security**
- **HomePlug AV Compliant**
- **Instant HomePlug Encrypt Button to Secure the Powerline Network**
- **Multi-colored LED Indicating Data Transmission Rates over the Powerline**

Benefits

LAN Extension through Coaxial Outlets

ZyXEL HomePlug PLA402 v2 is an access extension solution allowing your house to be completely networked using the existing powerline or coaxial cabling. Simply connect the PLA402 v2 to an existing coaxial outlet, power up the unit and it transforms the existing powerlines or cables into a house-wide network with no need for additional wiring. It's the easiest way to extend the network connection from your home broadband router to every corner in the house.

Data Rates of Up to 200 Mbps

The PLA402 v2 is an access extension solution to have your house completely networked with existing powerlines. Thanks to the advanced HomePlug AV Technology, the PLA402 v2 is capable of transmitting data at up to 200 Mbps. It allows you to share network resources and enjoy Internet access through secure high-speed data connection over the house powerlines you already have.

High Speed and QoS for High Definition Video

The inherent advanced QoS features empower the HomePlug AV Series to become ideal access tools for service providers to deliver "triple-play" multimedia services such as high-quality digital video streams, high-speed Internet access, and voice services.

128-bit AES Security · 100-240V Full Range Power Supply · HDTV · HOMEPLUG CERTIFIED AV

HOMEPLUG

Powerline Hybrid Adapter

PLA402 v2

ZyXEL

Powerline Hybrid Adapter

PLA402 v2

Advanced 128-bit AES Security

With the 128-bit Data Encryption Security (AES) feature, the PLA402 v2 provides secure network connection for Internet access and network resource sharing. Just enjoy fast Internet surfing experience and secure file transfer, and leave the sweats to the PLA402 v2.

Specifications

System Specifications

- Network Standard:
  HomePlug AV 200 Mbps compliance Data Rate
- Power Line Network:
  Supports up to 16 (Tone Map) PL- devices communicating on a single network.
- Modulation:
  OFDM Symbol Modulation, Supports QAM 1024/256/64/16, DQPSK, DBPSK and ROBO Carrier modulation schemes
- Frequency Band: 1.7 MHz ~ 30 MHz
- Coverage Area: up to 300 meters
- Security:
  - 128 bit AES encryption
  - Encryption button

Hardware Specifications

- Interface: 10/100Mbps Ethernet port with MDI/MDIX
- One Power Input: 100-240 VAC, 50 ~ 60 Hz
- LED Display on Top-Case
  - PWR
  - Powerline Link, Activity, and Throughput Indicator
  - Ethernet Link and Activity

Physical Specifications

- Dimensions: 112 (W) x 106 (D) x 28.5 (H) mm
- Weight: 185 g

Environmental Specifications

Operation Environment

- Temperature: 0°C ~ 40°C
- Humidity: 20% ~ 95% RH

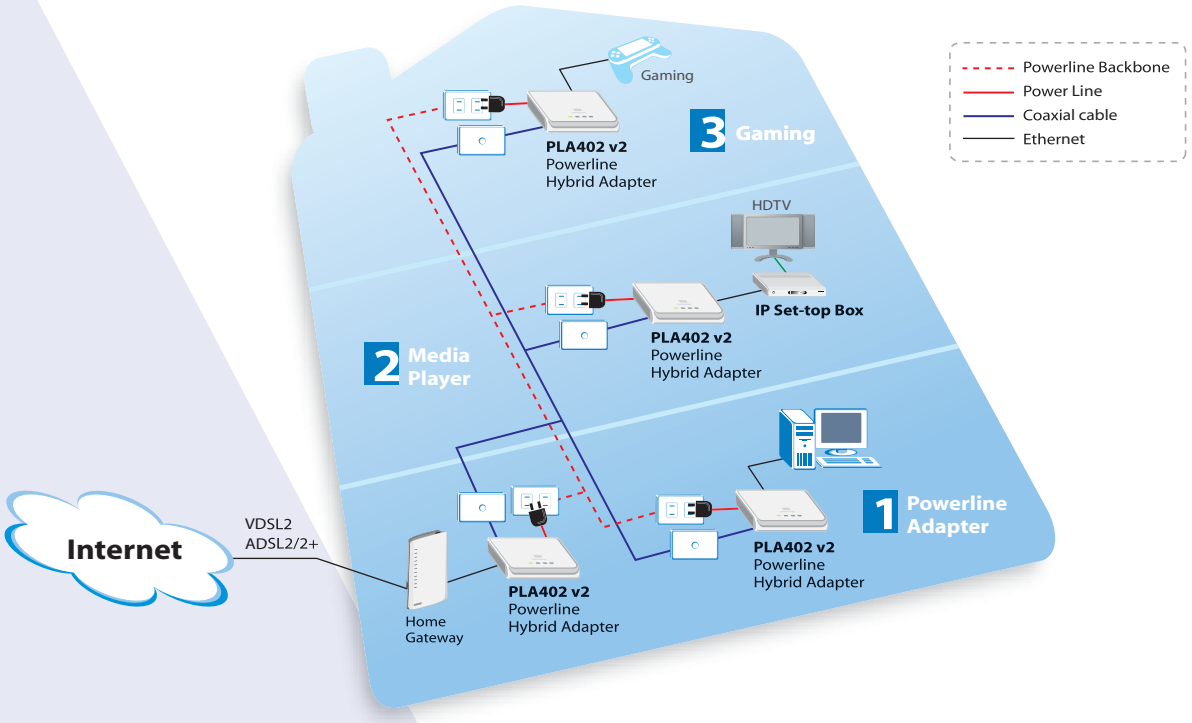
Storage Environment

- Temperature: -20°C ~ 60°C
- Humidity: 20% ~ 95% RH

Certification

- Safety: UL, cUL, LVD
- EMI: CE, FCC part 15B
- HomePlug Certification: HomePlugAV

Application Diagram



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